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FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: OPT-003 APPLICANTS: Farrar SERIAL NO.: 09/155,708 FILING DATE: April 2, 1998 GROUP: 1635

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	CCU	Akhtar et al. (1997) *In Vivo* Studies with Antisense Oligonucleotides, Elsevier Science Ltd., Vol. 18, pp. 12-18.

EXAMINER		DATE CONSIDERED	10-17-04

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
Form PTO-1449

Complete if Known	
Application Serial No.	09/155,708
Filing Date	April 2, 1998
First Named Inventor	Farrar *et al.*
Examiner Name	Janet L. Epps Ford
Group Art Unit	1635
Attorney Docket No.	OPT-003

U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Country Code	Class	Sub Class	Filing Date	Abstract Only	English Language (Y/N?)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of author (in CAPITAL LETTERS), date, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue numbers, page numbers, publisher, and city where published (when appropriate).
	CCV	HOLT, June 1993, "Antisense Rescue Defines Specialized and Generalized Functional Domains For c-Fos Protein", Molecular and Cellular Biology, Vol. 13, No. 6, pgs. 3821-3830.
	CCW	HOLT et al., July 1986, "Inducible Production of c-Fos Antisense RNA Inhibits 3T3 Cell Proliferation", Proc. Natl. Acad. Sci., Vol. 83, pp. 4794-4798.
	CCX	MILLINGTON-WARD et al., 1997, "Strategems *In Vitro* For Gene Therapies Directed To Dominant Mutations", Human Molecular Genetics, Vol. 6, No. 9, pgs. 1415-1426.
	CCY	MITANI et al., 1993, "Gene Transfer Therapy For Heritable Disease: Cell And Expression Targeting", Phil. Trans. Soc. Land. B., Vol. 339, pgs. 217-224.
	CCZ	STACEY et al., August 1987, "Rescue of Type I Collagen-Deficient Phenotype by Retroviral-Vector-Mediated Transfer of Human proα1(I) Collagen Gene Into Mov-13 Cells", Journal of Virology, Vol. 61, No. 8, pgs. 2549-2554.

Examiner Signature	Janet L. Epps-Ford	Date Considered	10-16-04

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AH	5,223,391	06/29/93	Coen et al.	435	5	
	AI	5,977,296	11/02/99	Nielsen et al.	530	300	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	BK	414,134 B1	02/27/91	EP					

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	CBF International Search Report for International Patent Application No. PCT/GB96/02357, 4 pages. (1996)
	CBG Carter et al., "Antisense Technology for Cancer Therapy: Does it Make Sense?" Cancer Res., 1993, 67:869-876.
	CBH Cazenave et al., "Comparative Inhibition of Rabbit Globin mRNA Translation by Modified Antisense Oligodeoxynucleotides." Nuc. Acid Res., 1989, 17:4255-4273.
	CBI Connell et al., "Molecular Cloning, Primary Structure, and Orientation of the Vertebrate Photoreceptor Cell Protein Peripherin in the Rod Outer Segment Disk Membrane", 1990, 29:4691-4698.
	CBJ D'Alessio et al, "Characterization of a COLIAI Splicing Defect in a Case of Ehlers-Danlos Syndrome Type VII: Further Evidence of Molecular Homogeneity." The American Society of Human Genetics, 1991, 49:400-406.
	CBK Dalgleish et al., "Length polymorphism in the pro α2(I) collagen gene: an alternative explanation in a case of Marfan syndrome." Human Genetics, 1986, 73:91–92.
	CBL Dosaka-Akita et al., "Inhibition of Proliferation by L-*myc* Antisense DNA for the Translational Initiation Site in Human Small Cell Lung Cancer." Cancer Res, 1995, 55:1559-1564.
	CBM Dryja et al., "A point mutation of the rhodopsin gene in one form of retinitis pigmentosa." Nature, 1990, 343:364-366.
	CBN Duval-Valentin et al., "Specific inhibition of transcription by triple helix-forming oligonucleotides." Proc. Natl. Acad. Sci. USA, 1992, 89:504-508.

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	CBO	Ellis et al., "Design and specificity of hammerhead ribozymes against calretinin mRNA." Nuc. Acid Res., 1993, 21:5171-5178.
	CBP	Farrar et al., "Autosomal Dominant Retinitis Pigmentosa: Linkage to Rhodopsin and Evidence for Genetic Heterogeneity." Genomics, 1990, 8:35–40.
	CBQ	Farrar et al., "A three-base-pair deletion in the peripherin-RDS gene in one form of retinitis pigmentosa." Nature, 1991, 354:478-480.
	CBR	Farrar et al., "Autosomal Dominant Retinitis Pigmentosa: A Novel Mutation at the Peripherin/RDS Locus in the Original 6p-Linked Pedigree." Genomics, 1991, 14:805-807.
	CBS	Farrar et al., "Progress in Genetic Linkage for Retinitis Pigmentosa and Gene Delivery to Ocular Tissues." Invest Ophthamol Vis. Sci. (ARVO), 1995, 36:(4).
	CBT	Feng et al., "Neoplastic Reversion Accomplished by High Efficiency Adenoviral-mediated Delivery of an Anti-ras Ribozyme." Can. Res., 1995, 55:2024-2028.
	CBU	Filie et al., "A De Novo G^{+1}→A Mutation at the α2(I) Exon 16 Splice Donor Site Causes Skipping of Exon 16 in the cDNA of One Allele of an OI Type IV Proband." Human Mutation, 1993, 2:380-388.
	CBV	Gaughan et al., "Ribozyme Mediated Cleavage of Acute Phase Serum Amyloid A (A-SAA) mRNA in vitro." FEBS Letters, 1995, 374:241-245.
	CBW	Hanvey et al., "Antisense and Antigene Properties of Peptide Nucleic Acids." Science, 1992, 258:1481-1485.
	CBX	Herschlag et al., "An RNA chaperone activity of non-specific RNA binding proteins in hammerhead ribozyme catalysis." EMBO, 1994, 13:(12):2913-2924.
	CBY	Herskowitz, "Functional inactivation of genes by dominant negative mutations." Nature, 1987, 329:219-222.
	CBZ	Humphries et al., "On The Molecular Genetics Of Retinitis Pigmentosa." Science, 1992, 1-5.
	CCA	Jordan et al., "Localization of an autosomal dominant retinitis pigmentosa gene to chromosome 7q." Nature Genetics, 1993, 4:54-58.
	CCB	Kajiwara et al., "Mutations in the human retinal degeneration slow gene in autosomal dominant retinitis pigmentosa." Nature, 1991, 354:480-483.
	CCC	Lange et al., "*In Vitro* and *In Vivo* Effects of Synthetic Ribozymes Targeted Against BCR/ABL mRNA." Leukemia, 1993, 7:1786-1794.
	CCD	Mansergh et al., "Evidence for genetic heterogeneity in Best's vitelliform macular dystrophy." J. Med. Genet, 1995, 32:855-858.
	CCE	Mashhour et al., "In Vivo Adenovirus-Mediated Gene Transfer Into Ocular Tissues." Gene Therapy, 1994, 1:122-126.

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EXAM. INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	CCF	McWilliam et al., "Autosomal Dominant Retinitis Pigmentosa (ADRP): Localization of an ADRP Gene to the Long Arm of Chromosome 3." Genomics, 1989, 5:619-622.
	CCG	Mitani et al., "Gene transfer therapy for heritable disease: cell and expression targeting," Philos Trans. R. Soc. Lond. B. Biol. Sci. 1993, 339:217-224.
	CCH	Nathans et al., "Isolation, Sequence Analysis, and Intro-Exon Arrangement of the Gene Encoding Bovine Rhodopsin", Cell, 1983, Vol 34, 807-814.
	CCI	Ott et al., "Localizing multiple X chromosome-linked retinitis pigmentosa loci using multilocus homogeneity tests." Pro. Natl. Acad. Sci., 1990, 87:701-704.
	CCJ	Oyama et al., "N-ras Mutation of Thyroid Tumor with Special Reference to the Folicular Type." Pathol Int., 1995, 45:45-50.
	CCK	Phillips et al., "A Substitution at a Non-glycine Position in the Triple-Helical Domain of proα2(I) Collagen Chains Present in an Individual with a Variant of the Marfan Syndrome." The American Society for Clinical Investigation, Inc., 1990, 86:1723–1728.
	CCL	Quattrone et al., "Reversion of the Invasive Phenotype of Transformed Human Fibroblasts by Anti-Messenger Oligonucleotide Inhibition of Urokinase Receptor Gene Expression." Can. Res., 1995, 55:90-95.
	CCM	Reichenberger et al., "Genomic Organization and Full-Length cDNA Sequence of Human Collagen X", FEBS, 1992, Vol. 311, 3:305-310.
	CCN	Rimsky et al., "*Trans*-dominant inactivation of HTLV-1 and HIV-1 gene expression by mutation of the HTLV-1 Rex transactivator." Nature, 1989, 341:453-456.
	CCO	Sun et al., "Sequence-specific intercalating agents: Intercalation at specific sequences on duplex DNA via major groove recognition by oligonucleotide-intercalator conjugations." Proc. Natl. Acad. Sci USA, 1989, 86:9198-9202.
	CCP	Valera et al., "Expression of GLUT-2 Antisense RNA in ß Cells of Transgenic Mice Leads to Diabetes." J. Biol. Chem., 1994, 269:28543-28546.
	CCQ	Van Soest et al., "Assignment of a Gene for Autosomal Recessive Retinitis Pigmentosa (RP12) to Chromosome 1q31-q32.1 in an Inbred and Genetically Heterogeneous Disease Population." Genomics, 1994, 22:499-504.
	CCR	Vasan et al., "A Mutation in the Proα2(I) Gene (COLIA2) for Type I Procollagen in Ehlers-Danlos Syndrome Type VII: Evidence Suggesting That Skipping of Exon 6 in RNA Splicing May Be a Common Cause of the Phenotype." The American Society of Human Genetics, 1991, 48:305–317.
	CCS	Westerhausen et al., "A sequence polymorphism in the 3'-nontranslated region of the proα1 chain of type I procollagen." Nucleic Acids Research, 1990, 18:4968.

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	CCT	Willing et al., "Molecular Heterogeneity In Osteogenesis Imperfecta Type I." American Journal of Medical Genetics, 1993, 45:223–227.

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